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AUG 24 2004

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/615,516
Filing Date	July 8, 2003
First Named Inventor	LIGHTNER
Group Art Unit	3661
Examiner Name	M. Zanelli
Attorney Docket Number	0307091.0158

Total Number of Pages in This Submission

ENCLOSURES (check all that apply)

- | | | |
|--|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form
<input checked="" type="checkbox"/> Fee Attached
<input type="checkbox"/> Amendment / Response
<input type="checkbox"/> After Final
<input type="checkbox"/> Affidavits/declaration(s)
<input type="checkbox"/> Combined Declaration and Power of Attorney
<input type="checkbox"/> Express Abandonment Request
<input checked="" type="checkbox"/> Information Disclosure Statement
<input type="checkbox"/> Certified Copy of Priority Document(s)
<input type="checkbox"/> Response to Missing Parts/Incomplete Application
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<input type="checkbox"/> Drawing(s)
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<input type="checkbox"/> Petition
<input type="checkbox"/> Petition to Convert to a Provisional Application
<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address
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<input type="checkbox"/> Proprietary Information
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<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
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IDS References
Form PTO/SB/08 |
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Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm
or
Individual name

Sung T. Kim (Registration No. 45,398)
Kirkpatrick & Lockhart LLP

Signature

[Signature]

Date

8/23/04

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: _____

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FEE TRANSMITTAL for FY 2004

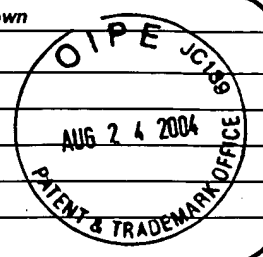
Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180

Complete if Known

Application Number 10/615,516
Filing Date July 8, 2003
First Named Inventor LIGHTNER
Examiner Name M. Zanelli
Art Unit 3661
Attorney Docket No. 0307091.0158



METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money ☐ Other ☐ None
Order

☒ Deposit Account:

Deposit Account Number 50-1721

Deposit Account Name Kirkpatrick & Lockhart LLP

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments
☒ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
		1001	770	Utility filing fee	
		1002	340	Design filing fee	
		1003	530	Plant filing fee	
		1004	770	Reissue filing fee	
		1005	160	Provisional filing fee	

SUBTOTAL (1)

(\$ 0

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
20 **	0	18	0
Independent Claims	-3 **	0	86
Multiple Dependent			0

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description
		1202	18	Claims in excess of 20
		1201	86	Independent claims in excess of 3
		1203	290	Multiple dependent claim, if not paid
		1204	86	** Reissue independent claims over original patent
		1205	18	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$ 0

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
		1051	130	Surcharge - late filing fee or oath	
		1052	50	Surcharge - late provisional filing fee or cover sheet.	
		1053	130	Non-English specification	
		1812	2,520	For filing a request for reexamination	
		1804	920*	Requesting publication of SIR prior to Examiner action	
		1805	1,840*	Requesting publication of SIR after Examiner action	
		1251	110	Extension for reply within first month	
		1252	420	Extension for reply within second month	
		1253	950	Extension for reply within third month	
		1254	1,480	Extension for reply within fourth month	
		1255	2,010	Extension for reply within fifth month	
		1401	330	Notice of Appeal	
		1402	330	Filing a brief in support of an appeal	
		1403	290	Request for oral hearing	
		1451	1,510	Petition to institute a public use proceeding	
		1452	110	Petition to revive - unavoidable	
		1453	1,330	Petition to revive - unintentional	
		1501	1,330	Utility issue fee (or reissue)	
		1502	480	Design issue fee	
		1503	640	Plant issue fee	
		1460	130	Petitions to the Commissioner	
		1807	50	Processing fee under 37 CFR 1.17 (q)	
		1806	180	Submission of Information Disclosure Stmt	180
		8021	40	Recording each patent assignment per property (times number of properties)	
		1809	770	Filing a submission after final rejection (37 CFR § 1.129(a))	
		1810	770	For each additional invention to be examined (37 CFR § 1.129(b))	
		1801	770	Request for Continued Examination (RCE)	
		1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 180

SUBMITTED BY

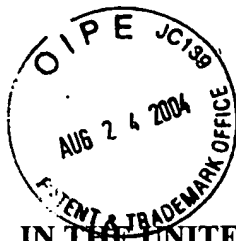
Complete (if applicable)

Name (Print/Type) Sung T. Kim Registration No. (Attorney/Agent) 45,398 Telephone 202 / 778-9419
Signature Date 8/23/04

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: LIGHTNER et al.

Group Art Unit: 3661

Application No.: 10/615,516

Examiner: M. Zanelli

Filed: July 8, 2003

Atty. Dkt. No. 0307091.0158

Title: **INTERNET-BASED EMISSIONS TEST FOR VEHICLES**

* * * * *

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Sir:

Attached is Form PTO/SB/08 listing the enclosed documents. Citation of a document does not necessarily constitute an admission that the document is prior art to the present application.

This Information Disclosure Statement is intended to be in full compliance with the rules, but should the Examiner find any part of its required content to have been omitted, prompt notice to that effect is earnestly solicited, along with additional time under Rule 97(f), to enable Applicant to comply fully.

A check in the amount of \$180.00 is enclosed for payment of the fee set forth in Rule 17(p). No other fees are believed due at this time, but please apply any additional charges due, or credits owed, to Deposit Account No. 50-1721 under the above Atty. Dkt. No

08/25/2004 SSESHE1 00000050 10615516

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180.00 0P

Consideration of the foregoing and the return of a copy of the enclosed Form PTO/SB/08 with the Examiner's initials in the left column per MPEP §609 are earnestly solicited.

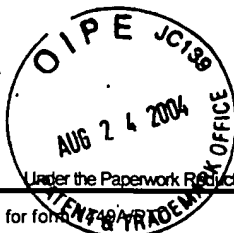
Respectfully submitted,



Sung T. Kim
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Date: 8/23/04

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Washington, DC 20036
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PTO/SB/08A (10-01)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 4

Complete if Known

Application Number	10/615,516
Filing Date	July 8, 2003
First Named Inventor	Lightner
Group Art Unit	3661
Examiner Name	Zanelli, Michael J.
Attorney Docket Number	0307091.158

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US- 4,690,475	9/1987	McElroy	
		US- 4,694,408	9/1987	Zaleski	
		US- 5,026,293	6/1991	Wilson	
		US- 5,532,927	7/1996	Pink et al.	
		US- 5,798,647	8/1998	Martin et al.	
		US- 6,400,701	6/2002	Lin et al.	
		US- 6,408,232	6/2002	Cannon et al.	
		US- 6,442,460	8/2002	Larson et al.	
		US- 6,487,494	11/2002	Odinak et al.	
		US- 6,496,777	12/2002	Tennison et al.	
		US- 6,502,030	12/2002	Hilleary	
		US- 6,522,267	2/2003	Flick	
		US- 6,526,460	2/2003	Dauner et al.	
		US- 6,556,905	4/2003	Mittelsteadt et al.	
		US- 6,556,889	4/2003	Rudick et al.	
		US- 6,564,127	5/2003	Bauerle et al.	
		US- 6,580,916	6/2003	Weisshaar et al.	

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

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SignatureDate
Considered

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2 of 4

Complete if Known

Application Number	10/615,516
Filing Date	July 8, 2003
First Named Inventor	Lightner
Group Art Unit	3661
Examiner Name	Zanelli, Michael J.
Attorney Docket Number	0307091.158

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US- 6,609,051	8/2003	Fiechter et al.	
		US- 6,611,686	8/2003	Smith et al.	
		US- 6,611,739	8/2003	Harvey et al.	
		US- 6,611,755	8/2003	Coffee et al.	
		US- 6,636,790	10/2003	Lightner et al.	
		US- 6,675,081	1/2004	Shuman et al.	
		US- 6,687,587	2/2004	Kacel	
		US- 6,718,425	4/2004	Pajakowski et al.	
		US- 6,732,031	5/2004	Lightner et al.	
		US- 6,732,032	5/2004	Banet et al.	
		2001/0016789	8/2001	Staiger	
		2001/0033225	10/2001	Razavi et. Al	
		2002/0008644	1/2002	Flick	
		2002/0008645	1/2002	Flick et al.	
		2002/0016655	2/2002	Joao	
		2002/0032505	3/2002	Good	
		2002/0029101	3/2002	Larson et al.	
		2002/0078458	6/2002	Furon et al.	
		2002/0133273	9/2002	Lowrey et al.	
		2002/0140545	10/2002	Nietupski et al.	

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	3	of	4
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of 4

4

Complete if Known

Application Number	10/615,516
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Filing Date	July 8, 2003
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First Named Inventor	Lightner
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Group Art Unit	3661
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Examiner Name	Zanelli, Michael J.
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Attorney Docket Number 0307091.158

U.S. PATENT DOCUMENTS

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

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				Application Number	10/615,516
				Filing Date	July 8, 2003
				First Named Inventor	Lightner
				Group Art Unit	3661
				Examiner Name	Zanelli, Michael J.
				Attorney Docket Number	0307091.158
				Sheet	4

U.S. PENDING PATENT APPLICATIONS

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	
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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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